

Mayo

1633

PAGE: 1

RAW SEQUENCE LISTING

PATENT APPLICATION US/09/303,232A

DATE: 12/10/1999

TIME: 15:54:32

Input Set: I303232A.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

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2  <120> TITLE OF INVENTION: Nucleic Acids which encode
3      insect acetylcholine receptor subunits
4  <130> FILE REFERENCE: Le A 33 020-Foreign Countries
5  <140> CURRENT APPLICATION NUMBER: US/09/303,232A
6  <141> CURRENT FILING DATE: 1999-04-30
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8  <151> EARLIER FILING DATE: 1998-05-04
9  <160> NUMBER OF SEQ ID NOS: 6
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21      aaacaataaa gcatatactt gccatattga tataaaggga aatcgtgaaa aggcggtgaa 180
22      aatttcgtaa gattagttgg tattaagggc agcccatgca cacagctaaa aagggaacta 240
23      aaaaaacccc gcacagaaca atgaaagctg cagcagctgg ataaggccga caaaaccgaa 300
24      aattatatta ttgtaatcta gtagagagca gacaacatat ccgctggcaa caaccaacac 360
25      cgaaagagac t atg aaa aat gca caa ctg aaa ctg act gaa gtt gac gat 410
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29      Asp Glu Leu Trp Leu Ala Val Arg Leu Ala His Cys Ser Ser Asn Phe
30      15 20 25
31      agc agc agt agc agc aca aga acc acc agc agc aac cag agg cac aac 506
32      Ser Ser Ser Ser Ser Thr Arg Thr Thr Ser Ser Asn Gln Arg His Asn
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34      cag caa ctc aca aca ctg caa cca agg agc tta agt aca aaa cac cac 554
35      Gln Gln Leu Thr Thr Leu Gln Pro Arg Ser Leu Ser Thr Lys His His
36      50 55 60
37      agc aac att gca agc gag cag cac aat agc cag caa cag gag cca gca 602
38      Ser Asn Ile Ala Ser Glu Gln His Asn Ser Gln Gln Gln Glu Pro Ala
39      65 70 75
40      tcg aag gac gag gat gta gcc aac cac ggt aga agc aat gac cag cag 650
41      Ser Lys Asp Glu Asp Val Ala Asn His Gly Arg Ser Asn Asp Gln Gln
42      80 85 90
43      acg cat ctg caa cag cta gac agc agc aac atg ttg tcg cca aag aca 698
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PAGE: 2

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/303,232A

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TIME: 15:54:32

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92	Asp Val Asp Glu Lys Asn Gln Leu Leu Val Thr Asn Val Trp Leu Lys			
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PAGE: 3

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/303,232A

DATE: 12/10/1999

TIME: 15:54:32

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103	acg aac gtg gtg gtg cgg aac aac ggc tcg tgt cta tac gtt ccg ccg	1658
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113	Phe Gln Leu Asp Leu Gln Leu Gln Asp Glu Thr Gly Gly Asp Ile Ser	
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115	agt tac gtg ctc aac ggc gag tgg gaa cta ctg ggt gtg ccc ggc aaa	1850
116	Ser Tyr Val Leu Asn Gly Glu Trp Glu Leu Leu Gly Val Pro Gly Lys	
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122	Thr Phe Ala Ile Ile Ile Arg Arg Arg Thr Leu Tyr Tyr Phe Phe Asn	
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126	530 535 540	
127	acc ctg ccg cca gat tcg ggt gaa aaa tta tcg ctg ggt gtt acc atc	2042
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130	ttg ctc tcg ctg acc gtg ttt ctg aat atg gtt gcc gag aca atg ccg	2090
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133	gct act tcc gat gcg gtg cca ttg tgg ata cgc atc gtg ttt ttg tgc	2138
134	Ala Thr Ser Asp Ala Val Pro Leu Trp Ile Arg Ile Val Phe Leu Cys	
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136	tgg ctg cca tgg ata ttg cga atg agt cgc cca gga cga ccg ctg atc	2186
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142	cac cag ata ctc tcc gac gtt gag ctg aaa gag cgc tcg tcg aaa tcg	2282
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PAGE: 4

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/303,232A

DATE: 12/10/1999

TIME: 15:54:32

Input Set: I303232A.RAW

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151      cgc acg gtt tat gga caa ggc gac gat ggc agc att ggg cca att ggc      2426
152      Arg Thr Val Tyr Gly Gln Gly Asp Asp Gly Ser Ile Gly Pro Ile Gly
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169      cat att att gtc tcg tagccatatg ggcgaggtgg ttattgttat tggttttatt      2721
170      His Ile Ile Val Ser
171              770
172      ataaaatcaa tttgttaatt attaaattaa taacgaaact ctttaagtaa attaaaaacta 2781
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PAGE: 5

RAW SEQUENCE LISTING
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DATE: 12/10/1999
TIME: 15:54:32

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PAGE: 6

VERIFICATION SUMMARY
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DATE: 12/10/1999
TIME: 15:54:32

Input Set: I303232A.RAW

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